



PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/733,802		
		Filing Date	December 12, 2003		
		First Named Inventor	Russell Smith		
		Art Unit	3637 1221		
		Examiner Name	FBA Ruddock		
Sheet	1	of	1	Attorney Docket Number	6242.00046

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
uer		US- 4,514,471 4/1985	-04-30-1985-	Sugimoto et al.	

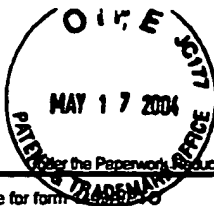
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uer	1.	International Search Report dated April 20, 2005	

Examiner Signature	Ula Ruddock	Date Considered	6/8/05
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**INFORMATION DISCLOSURE
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Sheet 1 of 1

Complete if Known

Application Number	10/733,802
Filing Date	December 12, 2003
First Named Inventor	Russell Smith
Art Unit	3637 1771
Examiner Name	TBA Ruddock
Attorney Docket Number	006242.00046

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JS	10/31/08	US- 2002/0134079	09-26-2002	Filon et al.	
		US- 2003/0203191	10-30-2003	Randall et al.	
		US- 3,933,822	11-23-1978	Knauf et al.	
		US- 4,269,869	05-28-1981	Morohashi et al.	
		US- 4,847,496	03-03-1987	Lehnert et al.	
		US- 5,342,680	08-30-1994	Randall	
		US- 5,397,631	03-14-1995	Green et al.	
		US- 5,552,187	09-03-1998	Green et al.	
		US- 5,718,785	02-17-1998	Randall	
		US- 6,136,383	10-24-2000	Schwartz et al.	
JS	3993822	US- 6,162,511	12-19-2000	Garnett et al.	
		US- 6,165,619	12-26-2000	Ikenaga et al.	
		US- 6,289,944	10-09-2001	Trapani	
		US- 6,318,535	11-13-2001	Caldwell et al.	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Ula Ruddock	Date Considered	6/9/05
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